

Search

Cameron 10/620,893

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=> file reg

FILE 'REGISTRY' ENTERED AT 16:46:22 ON 08 MAR 2005
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FILE 'REGISTRY' ENTERED AT 16:15:31 ON 08 MAR 2005

E HYDROGEN PEROXIDE/CN
L1 1 SEA "HYDROGEN PEROXIDE"/CN
E SULFURIC ACID/CN
L2 1 SEA "SULFURIC ACID"/CN
E NITRIC ACID/CN
L3 1 SEA "NITRIC ACID"/CN
E PHOSPHORIC ACID/CN
L4 1 SEA "PHOSPHORIC ACID"/CN

FILE 'HCA' ENTERED AT 16:19:19 ON 08 MAR 2005

L5 10964 SEA OXIDIZER?
L6 177704 SEA L1 OR H2O2 OR HYDROGEN#(A) PEROXIDE#
L7 631282 SEA L4 OR L3 OR L2 OR (NITRIC# OR SULFURIC# OR PHOSPHORIC
OR ORTHOPHOSPHORIC#) (2A)ACID# OR H2SO4 OR HNO3 OR
H3PO4
L8 46 SEA ?SILSESQUIOXAN?(3A) (PRIME# OR PRIMER? OR PRIMING#)
L9 225 SEA ?SILSESQUIOXAN? AND (PRIME# OR PRIMER? OR PRIMING#)
L10 840498 SEA POLYIMIDE# OR POLYMETHACRYLIC# OR POLYACRYLIC# OR
POLYMETHACRYLATE# OR POLYACRYLATE# OR (METHACRYLIC# OR
METHACRYLATE# OR ACRYLIC# OR ACRYLATE# OR URETHAN##) (2A) (
POLY OR POLYM? OR HOMOPOLYM? OR COPOLYM? OR TERPOLYM? OR
RESIN?) OR RUBBER? OR POLYURETHAN##
L11 102048 SEA (TREAT? OR PRETREAT? OR CONDITION? OR PRECONDITION?
OR PROCESS?) (2A)METAL####

FILE 'LCA' ENTERED AT 16:24:35 ON 08 MAR 2005

L12 7647 SEA (FILM? OR THINFILM? OR LAYER? OR OVERLAY? OR
OVERLAID? OR LAMIN? OR LAMEL? OR SHEET? OR LEAF? OR
FOIL? OR COAT? OR TOPCOAT? OR OVERCOAT? OR VENEER? OR
SHEATH? OR COVER? OR ENVELOP? OR ENCAS? OR ENWRAP? OR
OVERSPREAD?)/BI,AB

FILE 'HCA' ENTERED AT 16:25:29 ON 08 MAR 2005

L13 199611 SEA METAL####(2A)L12
L14 1 SEA L8 AND (L5 OR L6 OR L7)
L15 30 SEA L8 AND L10

L16 10 SEA L8 AND (L11 OR L13)
L17 6 SEA L9 AND (L5 OR L6 OR L7)
L18 146 SEA L9 AND L10
L19 32 SEA L9 AND (L11 OR L13)
L20 7 SEA L15 AND L19
L21 30 SEA L15 AND L18
L22 14 SEA L19 AND L18

L23 FILE 'LCA' ENTERED AT 16:30:53 ON 08 MAR 2005
434 SEA (ETCH? OR PHOTOETCH? OR CHASE# OR CHASING# OR
ENCHAS? OR ENGRAV? OR PHOTOENGRAV? OR EMBOSS? OR
PHOTOEMBOSS? OR INCISE# OR INCISING# OR IMPRINT? OR
IMPRESS? OR ENCAUSTIC?)/BI,AB

L24 FILE 'HCA' ENTERED AT 16:32:11 ON 08 MAR 2005
11078 SEA (ROUGH? OR ETCH? OR PHOTOETCH? OR CHASE# OR CHASING#
OR ENCHAS? OR ENGRAV? OR PHOTOENGRAV? OR EMBOSS? OR
PHOTOEMBOSS? OR INCISE# OR INCISING# OR IMPRINT? OR
IMPRESS? OR ENCAUSTIC?) (2A)METAL####

L25 268252 SEA PCB OR PCBS OR IC OR ICS OR P(W)C(W)B OR I(W)C OR
CIRCUIT?

L26 1 SEA L15 AND L24
L27 1 SEA L15 AND L25
L28 1 SEA L19 AND L24
L29 1 SEA L19 AND L25
L30 1 SEA L18 AND L24
L31 1 SEA L18 AND L25
L32 1 SEA L21 AND L24
L33 1 SEA L21 AND L25
L34 1 SEA (L26 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32 OR
L33)

L35 116 SEA ?SILSESQUIOXAN? AND PAINT?

L36 2 SEA L35 AND (L5 OR L6 OR L7)

L37 75 SEA L35 AND L10

L38 7 SEA L35 AND L11

L39 12 SEA L35 AND L13

L40 1 SEA L35 AND L24

L41 2 SEA L35 AND L25

L42 15 SEA L15 AND L37

L43 7 SEA L19 AND L37

L44 53 SEA L18 AND L37

L45 15 SEA L21 AND L37

L46 23 SEA L14 OR L17 OR L20 OR L26 OR L27 OR L34 OR L36 OR L38
OR L40 OR L41 OR L43

L47 21 SEA (L16 OR L22 OR L39 OR L42 OR L45) NOT L46

L48 20 SEA (L19 OR L21) NOT (L46 OR L47)

L49 0 SEA L15 NOT (L46 OR L47 OR L48)

L50 20 SEA (L19 OR L21 OR L15) NOT (L46 OR L47)

L51 125 SEA (L18 OR L37) NOT (L46 OR L47 OR L50)
 L52 12 SEA L46 AND (1900-2000/PRY OR 1900-2000/PY)
 L53 12 SEA L47 AND (1900-2000/PRY OR 1900-2000/PY)
 L54 17 SEA L50 AND (1900-2000/PRY OR 1900-2000/PY)
 L55 82 SEA L51 AND (1900-2000/PRY OR 1900-2000/PY)
 L56 23 SEA (L46 OR L47 OR L50) NOT (L52 OR L53 OR L54)
 SAV L56 CAM893/A

=> file hca

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=> d l52 1-12 cbib abs hitstr hitind

L52 ANSWER 1 OF 12 HCA COPYRIGHT 2005 ACS on STN
 141:198365 Adhesion method for multilayer printed circuit
 boards. Montano, Joseph R.; Shelnut, James G. (Shipley Company,
 L.L.C., USA). U.S. Pat. Appl. Publ. US 2004161545 A1 20040819, 10
 pp., Cont.-in-part of U.S. Ser. No. 995,890 (English). CODEN:
 USXXCO. APPLICATION: US 2003-620893 20030716. PRIORITY: US
 2000-PV253472 20001128, US 2001-995890 20011129.

AB A method of **treating** a metal surface, esp. a
 metal surface of a multilayer printed circuit board,
 comprises: (a) **roughening** the metal surface; (b)
priming the roughened metal surface with
 a liq. **primer** compn. comprising an org. polymer, an org.
 oligomer, an org. monomer, or mixts. thereof; and (c) applying a
 polymer material such as a prepreg to the **roughened**
metal surface with the liq. **primer** to form a bond
 with the **roughened** metal surface.

IC ICM B05D001-36

ICS B05D007-00

JCL 427407100; 427307000; 427409000

IC 76-3 (Electric Phenomena)

IT multilayer printed circuit metal foil
 polymer bonding; **primer roughened metal**
foil polymer bonding circuit board

T Garnet-type crystals
 (abrasive; adhesion method for multilayer printed circuit
 boards)

T Pumice
 (abrasive; adhesion method for multilayer printed circuit

my case